



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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WEATHER & CROPS



United States
Department of
Agriculture



Week Ending: July 10, 2011

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WEATHER CONDITIONS AND CROP SUMMARY FOR WEEK ENDING JULY 10, 2011

Severe thunderstorms throughout Virginia brought heavy rains, scattered hail and windy conditions that damaged some fields in many areas; however, they brought much needed drought-relief to those who did not get any storm damage. Days suitable for fieldwork were 5.3. The recent rains were good for corn, soybeans, and tobacco growth. In various growing areas tobacco is in bloom, some tobacco lay-by continued, and some early topping has occurred. Small grain harvest is nearing its end and majority of the double crop soybeans are planted. Vegetable farmers are harvesting tomatoes, sweet corn and blackberries. There has been some downy mildew found on cucumbers.

TOPSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 12, 2011	11	33	55	1
June 19, 2011	6	30	62	2
June 26, 2011	5	27	66	2
July 3, 2011	12	29	55	4
July 10, 2011	10	18	68	4

SUBSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 12, 2011	6	37	56	1
June 19, 2011	2	30	67	1
June 26, 2011	4	35	60	1
July 3, 2011	11	31	57	1
July 10, 2011	9	24	64	3

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Virginia Cooperative Extension Service

Virginia Cooperative Extension
A partnership of Virginia Tech and Virginia State University www.ext.vt.edu

Virginia Tech



Virginia State University



VIRGINIA STATE UNIVERSITY

CROP CONDITION PERCENT					
Crop	Very Poor	Poor	Fair	Good	Excellent
Pasture	3	13	30	49	5
Livestock	1	5	17	59	18
Hay, Other	4	15	24	48	9
Hay, Alfalfa	0	2	21	63	14
Corn	1	8	21	48	22
Soybeans	0	7	21	59	13
Winter Wheat	1	1	12	71	15
Oats	0	0	15	82	3
Tobacco, Flue-cured	0	6	45	37	12
Tobacco, Burley	0	2	19	65	14
Tobacco, Dark Fire-cured	0	5	55	30	10
Peanuts	0	13	15	51	21
Cotton	0	20	17	42	21
Summer Potatoes	0	0	50	50	0
Apples, All	0	0	9	69	22
Peaches	0	2	19	69	10
Grapes	0	0	23	77	0

CROP PROGRESS PERCENT – WITH COMPARISONS				
Crop	This Week	Last Week	Last Year	5 Year Avg.
Corn Silked	65	45	66	52
Corn Dough	10	0	6	6
Corn Dent	1	0	0	0
Soybeans Planted	95	90	96	94
Soybeans Emerged	90	80	81	82
Soybeans Blooming	6	2	5	4
Winter Wheat Harvested	94	85	99	92
Peanuts Pegged	30	25	39	42
Cotton Squaring	87	60	58	65
Cotton Setting Bolls	2	0	38	14
Summer Potatoes Harvested	45	35	37	26
Summer Apples Harvested	15	0	9	9
Peaches Harvested	9	0	28	11
Oats for Grain Harvested	77	0	0	0

VIRGINIA WEEKLY WEATHER SUMMARY FOR THE WEEK ENDING JULY 10, 2011

City	Temperature						Growing degree days (modified base 50) 1/		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar. 1 to Jul. 9	Mar. 1 to Jul. 9 normal	Last Week	Since Jun. 1	Jun. 1 dep. from normal *	Jan. 1 to date	Jan. 1 dep. from normal *
Lynchburg	89	66	93	64	78	4	1931	1720	0.70	4.51	-0.55	19.30	-3.67
Norfolk	90	72	96	70	81	2	2254	1883	3.58	8.21	3.12	20.21	-3.29
Richmond	90	69	95	66	80	3	2191	1887	3.15	6.18	1.43	22.00	-0.44
Roanoke	89	68	95	66	78	2	1998	NA	2.73	6.24	1.44	22.61	-0.22
Wash/Dulles	91	68	96	67	80	5	1890	NA	1.51	2.91	-2.19	20.55	-1.31

* Normal based on 1971-2000 data. Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>. Source: USDA, NASS, Virginia Field Office.

REPORTER COMMENTS BY COUNTY

Comments are based on comments reported by extension agents, farmers, commodity specialists, and other knowledgeable individuals.

NORTHERN

Clark (Jacob Grove)

Strong storms caused damage to some crop fields, the storms like the rain have been very spotty and left some areas very dry and others damaged by high winds and other storm damage.

FREDERICK (Jeanette Smith)

We have had several showers this past week. It has been humid with temperatures in high 80's

WESTERN

ROCKBRIDGE (Tom Stanley)

Typical July temperatures characterized this week with afternoon temperatures around the 90-degree mark. A heavy line of thunderstorms passed over Rockbridge and most of the Valley region early Friday evening dropping from .5 - 1.25 inches of rain on most farms with some isolated areas reporting more.

CENTRAL

AMELIA (Joan D Poore)

Severe thunderstorms on Monday July 4th, brought heavy rains in many areas, some areas only a few tenths. Although there were scattered hail and windy conditions, crops survived, but it was obvious where the hail and wind damaged some fields of corn on the outer most rows. All small grain are harvested, all double crop soybeans are in. Friday night, July 10th, more rains covered most of the county, with anywhere from 3/4 inches to 3.25 inches of rain during the night. Not a productive hay harvest week. Very good for corn, soybeans and tobacco.

CAROLINE (McGann Saphir)

Soil moisture conditions are good, due to continued, timely rains. Pastures and hay fields are looking very good. Corn crop is in excellent condition. We are looking at one of the best corn in year in quite some time, if conditions remain favorable. Soybeans are putting on good growth and developing a fine canopy. Vegetable farmers are harvesting a bumper crop of tomatoes and sweet corn. Peppers and cantaloupes are also producing well. Blackberries are just starting to be harvested.

CENTRAL (continued)

CHESTERFIELD (Joan D Poore)

Thunderstorms with a lot of lightening and welcome rain came Monday July 4th. Again scattered throughout the county. No damage reported for crops from the storm. Friday, July 10th, a more widespread rain fell throughout the county, too much in some places. Reports of 1 to 3 with 1/2 inches of rain fell throughout the night. It was much needed in some areas that have not received as much. Not a good week for hay harvest.

HANOVER (Jim Tate)

Big thunderstorms have most producers smiling now unless they got storm damage. Timely rains in huge quantities widespread pretty much saved the corn crop in the last ten days.

EASTERN

ESSEX (Keith Balderson)

Rainfall during the week allowed soil moisture conditions to remain good overall. Corn and soybean crops are developing well. Some early corn was hurt by dry weather earlier. Farmers were busy finishing up doublecrop soybean planting and post-emergence herbicides were applied to some soybean fields. Vegetable producers continued to harvest summer vegetables, including cantaloupes, sweet corn, and tomatoes.

MIDDLESEX (David Moore)

Recent rains have done a lot for corn and soybeans. Vegetable folks are not as fortunate. Corn crop looks very good as does soybean. Afternoon thunderstorms have really helped put good yield potential in crops. Producers are watching the markets, making post herbicide treatments to soybeans and some late wheat and rye fields still need to be planted. Sweet corn, melons, tomatoes, peppers squash and cucumbers are coming in full force. Quality is good so far, but water can play a factor. Folks are busy planning summer meetings and field days.

REPORTER COMMENTS BY COUNTY (continued)

Comments are based on comments reported by extension agents, farmers, commodity specialists, and other knowledgeable individuals.

SOUTHWESTERN

SMYTH (Andy Overbay)

Scattered showers have been very beneficial as corn in some parts of the county (extreme southern and northern areas) had seen significant rolling of corn plants during daylight hours. Friday's rain should take corn into silking in good order. Second cuttings of alfalfa are beginning. In eastern Washington County, second cutting alfalfa is already in full bloom in some fields.

SOUTHEASTERN

BRUNSWICK (Cynthia L. Gregg)

Rain and storms last week were needed but caused some issues with runoff and wind. Some corn and soybeans are doing well however some double cropped are coming along slower. Tobacco in most cases are in bloom and are being topped, a few producers are already pulling flue cured tobacco. We are seeing some issues due to the moderate drought and heat such as tomatoes in gardens aborting blooms and not fruiting.

PRINCE GEORGE (Scott Reiter)

Heavy rains have been the story of the week. Some areas in the county have received around 8 inches in the last 10 days. These rains have come at the right time for the corn crop. Wheat harvest finished up just in time. A few double crop soybeans are left to plant. Field work has been slow this week. Growers are anxious to finish land plaster applications and leaf spot sprays on peanuts. Some cotton is waiting on growth regulator and herbicide sprays. We have confirmed the first Downy Mildew on cucumbers in Virginia this week from a commercial grower and a home garden.

SOUTHEASTERN (continued)

SURRY (Glenn Slade)

Some areas of the county got over 7 inches of rain over the last week. This has some fields going from too dry to soggy almost overnight. Yield prospects look much better with improved soil moisture.

SUSSEX (Kelvin Wells, Sussex ANR Agent)

The rains were a blessing and our crops have responded very well from it. Two to over four inches have fallen over most of the county. Growers feel good about the prospect of a good crop at this point. We hope more will come throughout the rest of the growing season. This past week have benefitted all crops. Most all have had adequate rain and pastures are improving slowly.



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